

FIG. 1

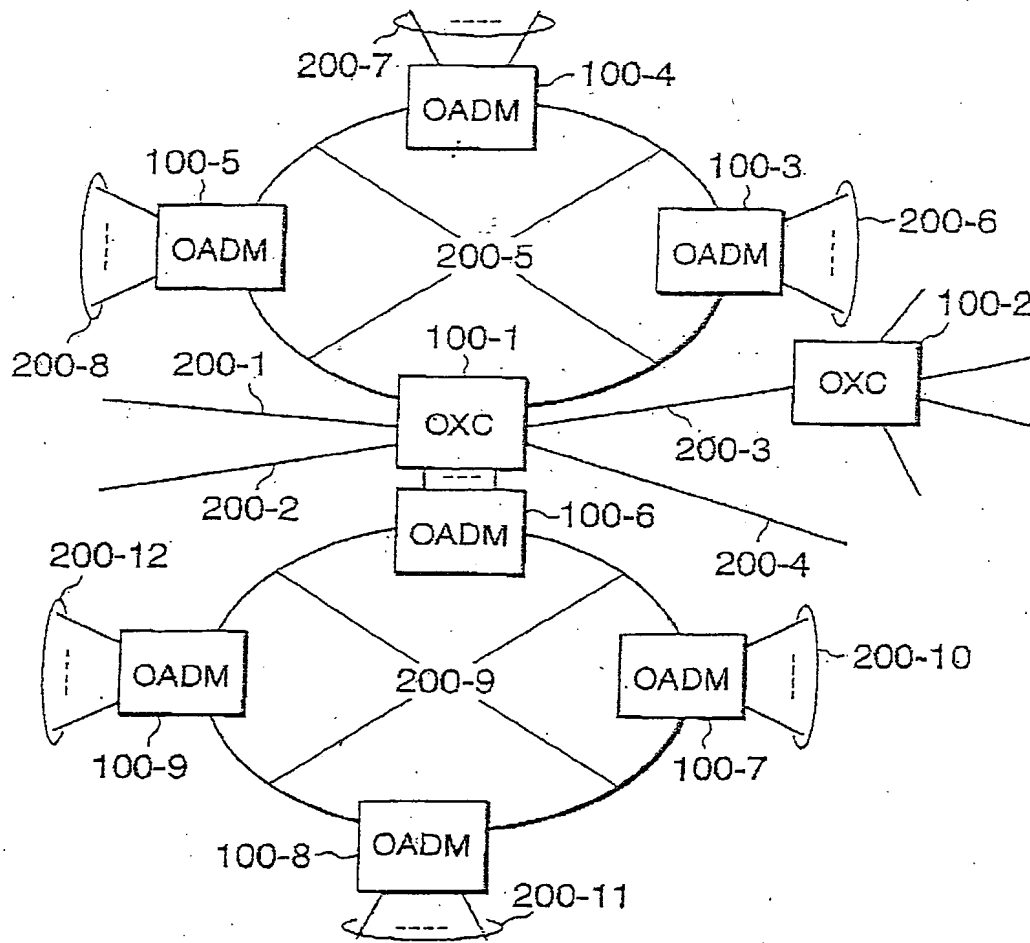


FIG. 1

FIG. 2

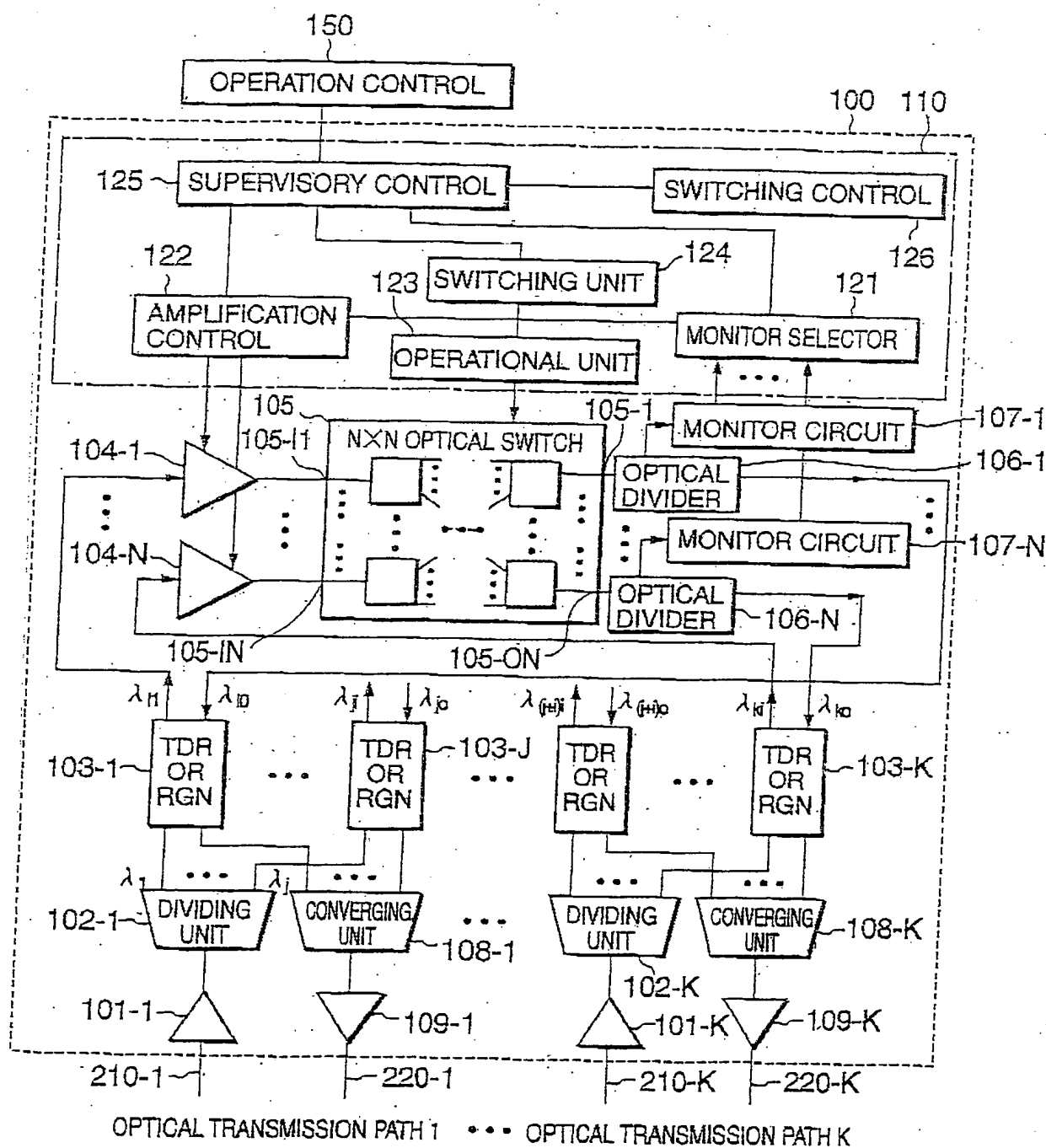


FIG. 2

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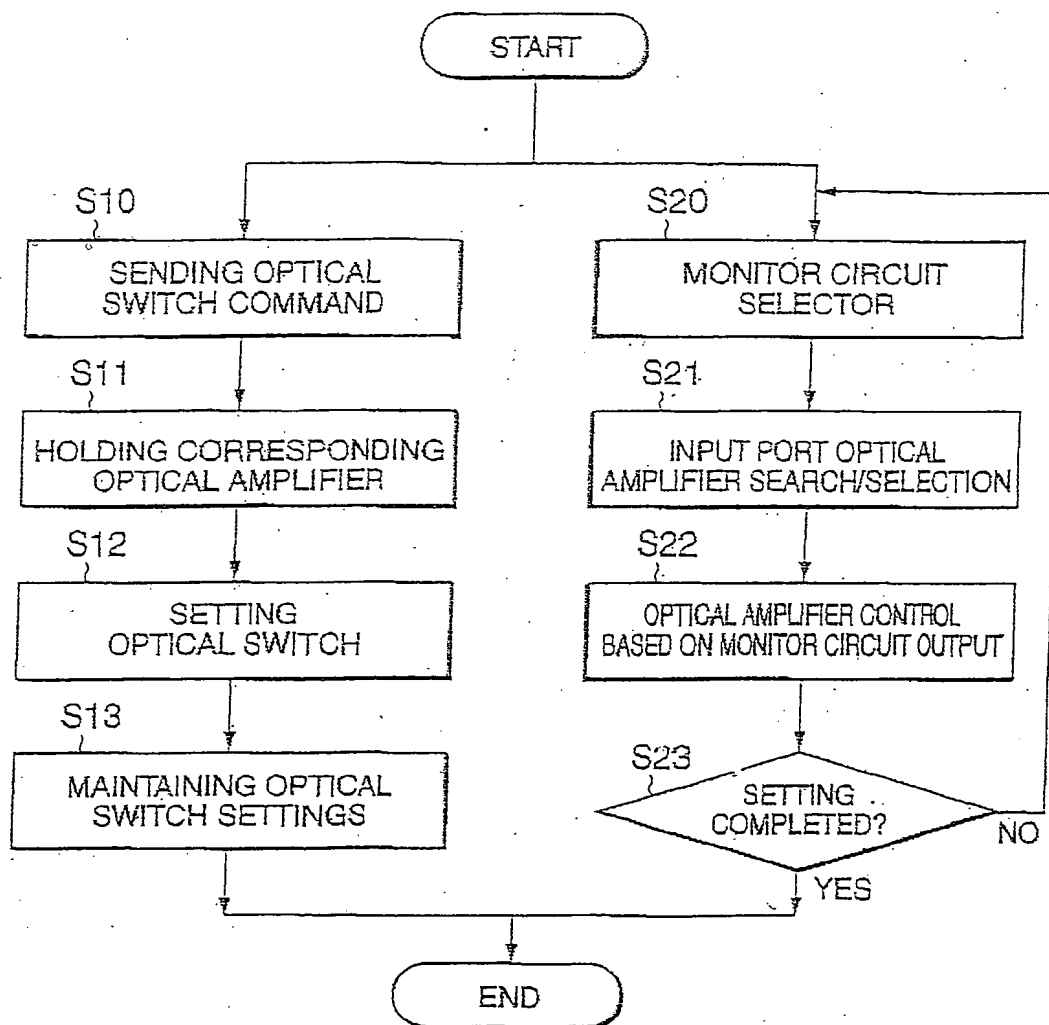


FIG.3

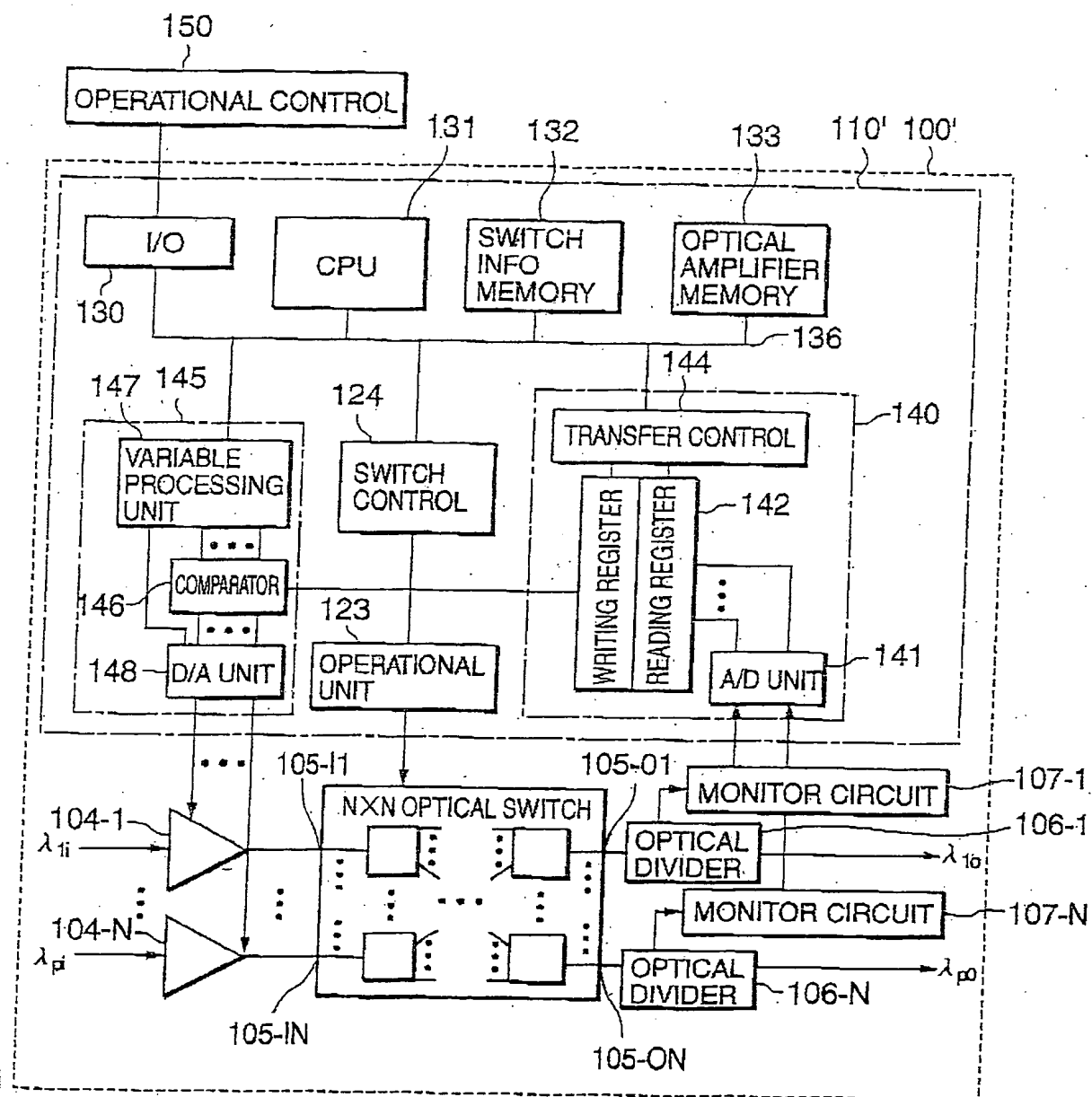


FIG.4

```

graph TD
    START([START]) --> S10[S10  
SENDING OPTICAL  
SWITCH COMMAND]
    S10 --> S11[S11  
HOLDING  
CORRESPONDING  
OPTICAL AMPLIFIER]
    S11 --> S12[S12  
SETTING  
OPTICAL SWITCH]
    S12 --> S13[S13  
MAINTAINING  
OPTICAL  
SWITCH SETTING]
    S13 --> S40[S40  
SELECTING  
MONITOR CIRCUIT]
    S40 --> S41[S41  
SELECTING  
CORRESPONDING  
OPTICAL AMPLIFIER]
    S41 --> S42[S42  
TRANSFERRING MONITOR  
RESULTS TO READING  
REGISTER]
    S42 --> S43[S43  
COMPARING VIA  
COMPARATOR]
    S43 --> S44[S44  
D/A CONVERTER CONTROL  
CONTROL DATA GENERATION]
    S44 --> S45{S45  
ALL SETTINGS  
COMPLETED?}
    S45 -- NO --> S30[S30  
SELECTING  
MONITOR CIRCUIT  
AND REGISTER]
    S45 -- YES --> END([END])
    S30 --> S31[S31  
MAINTAINING  
MONITOR CIRCUIT  
OUTPUT]
    S31 --> S32{S32  
MONITORING  
COMPLETED?}
    S32 -- YES --> END
    S32 -- NO --> S40

```

FIG. 5

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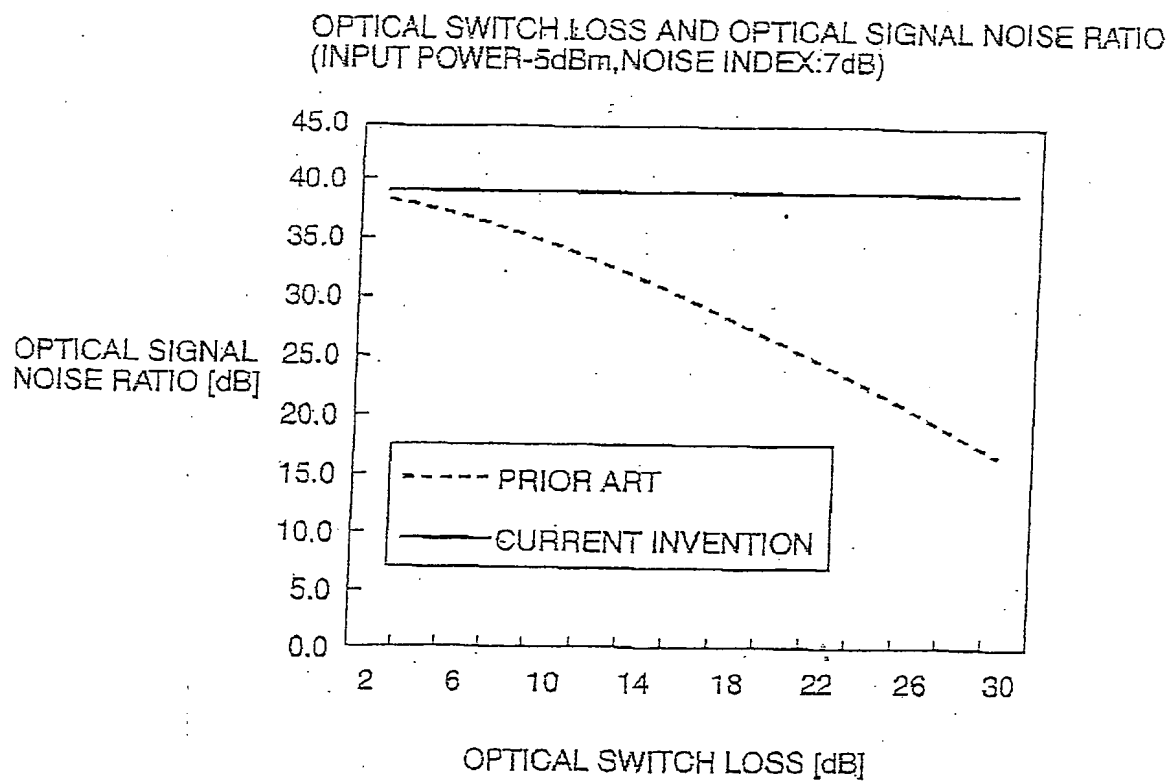


FIG.6